

## Children's Corner Center of Learning Water Sampling Lead Analysis Report

## 1. INTRODUCTION

## 1.1. GENERAL

This report presents the results of our water sampling performed at the site of Children's Corner Center of Learning, 16901 Schoolcraft, Detroit, MI., on August 18th, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

## 1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

## 1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Kimberly Jackson on August 11<sup>th</sup>, 2016.

## 2. SITE INVESTIGATIONS

## 2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

## 2.2 LABORATORY TESTING

## **2.2.1.** General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

## 3. DISCUSSIONS AND RECOMMENDATIONS

## 3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters Field Scientist

Monica Starks, CIEC Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody



## APPENDIX 1 Laboratory Results and Chain of Custody

17800 Woodward Ave Suite 200 Detroit, MI 48203

## National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

## **ANALYTICAL REPORTS**

SAMPLE CODE: 359933 9/9/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Childrens Corner, DC-01-KC-01-P

Source City: Detroit

Source State: MI

Date/Time Received:

9/1/2016 11:12

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

### Legend:

Any 'Level Detected' marked with an asterisk (\*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Anal	ytes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 8/18/2016 06:0	00	9/6/2016

These test results may be used for compliance purpose as required.

Analyst	Tests			
JP	200.8			

James Abston, Operations Manager

This report cannot be reproduced, except in full, without the written approval of National Testing Laboratories, Ltd.

Page 1

of 1

359933

Lead Only

Date Printed: 9/9/2016 8:30:25 AM

## National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

## ANALYTICAL REPORTS

SAMPLE CODE: 359934 9/9/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Childrens Corner, DC-01-KC-01-F

Source City: Detroit

Source State:MI

Date/Time Received:

9/1/2016 11:12

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

### Leaend:

Any 'Level Detected' marked with an asterisk (\*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"
"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF" Th

This column indicates the contaminant dilution factor.

Report Notes:

Fed ld # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Analy	ytes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 8/18/2016 06:0	00	9/6/2016

These test results may be used for compliance purpose as required.

Analyst Tests
JP 200.8

James Abston, Operations Manager

This report cannot be reproduced, except in full, without the written approval of National Testing Laboratories, Ltd.

Page 1

of 1

359934

Lead Only

Date Printed: 9/9/2016 8:30:26 AM

## National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

## **ANALYTICAL REPORTS**

SAMPLE CODE: 359935 9/9/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Childrens Corner, DC-01-BBF-02-P

Source City: Detroit

Source State:MI

Date/Time Received:

9/1/2016 11:12

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

### Legend:

Any 'Level Detected' marked with an asterisk (\*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Date/Time Prepped Analyzed
Inorganic Analytes - Metals					
1030 Lead	200.8 0.015	mg/L 0.001	0.002	1 8/18/2016 06:0	0 9/6/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
JP	200.8

James Abston, Operations Manager

This report cannot be reproduced, except in full, without the written approval of National Testing Laboratories, Ltd.

Page

1 of 1

of 1

359935

Lead Only

Date Printed: 9/9/2016 8:30 26 AM

## National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

## **ANALYTICAL REPORTS**

SAMPLE CODE: 359936 9/9/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Childrens Corner, DC-01-BBF-02-F

Source City: Detroit

Source State: MI

Date/Time Received:

9/1/2016 11:12

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Any 'Level Detected' marked with an asterisk (\*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor

Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Analy	tes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 8/18/2016 06:0	10	9/6/2016

These test results may be used for compliance purpose as required.

Analyst Tests JP 200.8

James Abston, Operations Manager

This report cannot be reproduced, except in full, without the written approval of National Testing Laboratories, Ltd.

Page 1 of 1

359936

Lead Only

Date Printed: 9/9/2016 8:30:26 AM

## National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

## **ANALYTICAL REPORTS**

SAMPLE CODE: 359937 9/9/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Childrens Corner, DC-01-WF-03-P

Source City: Detroit

Source State:MI

Date/Time Received:

9/1/2016 11:12

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

### Legend:

Any 'Level Detected' marked with an asterisk (\*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Analy	tes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 8/18/2016 06:	00	9/6/2016

These test results may be used for compliance purpose as required.

Analyst Tests JP 200.8

James Abston, Operations Manager

This report cannot be reproduced, except in full, without the written approval of National Testing Laboratories, Ltd.

Page 1 of 1

359937

Lead Only

Date Printed: 9/9/2016 8:30:27 AM

## National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

### ANALYTICAL REPORTS

SAMPLE CODE: 359938 9/9/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Childrens Corner, DC-01-WF-03-F

Source City: Detroit

Source State: MI

Date/Time Received:

9/1/2016 11:12

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Any 'Level Detected' marked with an asterisk (\*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method Star	ndard Units	LRL	Level	DF	Date/Time	Date	Date/Time
				Detected		Sampled	Prepped	Analyzed
		Inorga	anic Analy	tes - Metals			As i Transista e mentili para Chaptana (Central de Ariando de Ariando de Ariando de Ariando de Ariando de Aria	and the second s
1030 Lead	200.8 0	.015 mg/L	0.001	ND	1	8/18/2016 06:0	<b>)</b> 0	9/6/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
JP	200.8

James Abston, Operations Manager

This report cannot be reproduced, except in full, without the written approval of National Testing Laboratories, Ltd.

Page 1 of 1

Lead Only

Date Printed: 9/9/2016 8:30:27 AM

Quality Water Analysis

1-800-458-3330

## **General Compliance**

Order Number:

2077783

Order Date:

Product:

05/20/2016

Sample Number:

Lead Only

Sample Paid: No

**Payment Method:** 

	TSR: EF	·
Sold To:		For Laboratory Use ONLY
G. S. Group Monica Starks		Lab Accounting Information:
17800 Woodward Ave Detroit		Payment \$:
	MI 48203	Check #:
		Lab Comments/Special Instructions:
Date Sampled : <u>\&amp; / 1\&amp; / 1</u>	6	
Time Sampled: <u>06 : 06</u>	Please Use Military Time, e.g. 3.00pm = 15.00	
Check Time Zone: ☑EST ☐ C	ST MST PST	
Clique Name: Children	S. Comercial and the second and the	
Frione Hamilton: 16901	Schoolcraft	
<b>500</b> Number: 313-4	35-3716	
PWS ID# (if applicable):		State Forms:
Sample ID or Source:	L-01- KC-01-P	Lab Sample Information:
Source Type: Spring	Well Municipal Surface	Date Received: SEP 0 1 2016
Other:		Time Received: 11 11:12
City & State: Detroit	(I/Different than Above)	Received By: Well
Sample Collected By:	(Signature)	Sample receipt criteria checked & acceptable.  Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By: M	chaul Estas (Please Print)	
Form Completed By: $ u$	chal Etters	
Additional Comments:	11: 1	this is Somple HI4 First
The location and	PHO IS A CAUCAST	····s D Conque ( )
dam.		

Quality Water Analysis

1-800-458-3330

## **General Compliance**

Order Number: Order Date:

2077783 05/20/2016

Sample Number:

e 323<sub>d2</sub>

Product:

Lead Only

Sample Paid: No

**Payment Method:** 

TSR: EF

	ISK: Er	
Sold To:		For Laboratory Use ONLY
G. S. Group Monica Starks		Lab Accounting Information:
17800 Weodward Ave		Payment \$:
Detroit	MI 48203	Check #:
		Lab Comments/Special instructions:
Date Sampled :	6	
	Please Use Military Time, e.g. 3:00pm = 15:00	
Check Time Zone: WEST C	ST MST PST	
Syent Name: Children	Samuel Colombia Colom	
Hone Humber: 16901	Schoolcraft	
Number: 313-83	35-316 	
PWS ID# (if applicable):	DIA	State Forms:
Sample ID or Source: DC	-01-KC-01-F	Lab Sample Information: SEP 0 1, 2016
Source Type: Spring	Well Municipal Surface	Date Received: 4 4 2 2010
Other:		Time Received: 11:12
City & State: Detroi	If Different than Above)	Received By:
Sample Collected By:	(Signature)	Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	Tichal Effects (Please Print)	
Form Completed By:	lichal Etters	
Additional Comments:	moled is a daycace	this is Souple # 1, Flish
Bample.		
•		

Quality Water Analysis

1-800-458-3330

## General Compliance

Order Number: Order Date:

2077783 05/20/2016

Sample Number:

Lead Only

Sample Paid: No Pay

Payment Method:

TSR: EF

Product:

	TSR: Er	
Sold To:		For Laboratory Use ONLY
G. S. Group Monica Starks		Lab Accounting Information:
17800 Woodward Ave	RAI 40202	Payment \$:
Detroit	MI 48203	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 8 /18 /16	our	
	Please Use Military Time, e.g. 3:00pm = 15:00	
Check Time Zone: ☐ EST ☐ CS	^	
Gloot Name: Children	s Corner	
Priorie 16901	Schoolerest	
Number: 313 - 835	- 3716	
PWS ID# (if applicable):		State Forms:
Sample ID or Source:	-01-BBF-02-P	Lab Sample Information: SEP 0 1 2016
Source Type: Spring	Well Municipal Surface	Date Received: SET V 2/2010
Other:		Time Received: 11:12
City & State: Dotnoit	Different than Above)	Received By:
Sample Collected By	(Signature)	Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	Tichal Estus (Please Print)	
Form Completed By:	tical Biturs	
Additional Comments:	old is a durence	This is Sample # 2,
First draw.	1 12 12	
THUT CTIME!		

Quality Water Analysis

1-800-458-3330

## **General Compliance**

Order Number: Order Date:

2077783

05/20/2016



Sample Number: Product:

**Lead Only** 

Sample Paid: No

**Payment Method:** 

Sold To:	TSR: EF	
G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave Detroit	MI 48203	Payment \$:
		Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5/16/16	<b>2.</b>	
Time Sampled: <u>06</u> : <u>00</u>	· · · · · · · · · · · · · · · · · · ·	30
Check Time Zone: VEST CS		
Client Name: Childrens	Corner	3000M
16901 S	Schoolcrapt	econa'
Number: 313-83	35-3716	SSINNA
PWS ID# (if applicable):	D/A	State Forms:
Sample ID or Source: DC-	01-BBF-02-F	Lab Sample Information:
Source Type: 🔲 Spring 🔲 '	Well Municipal Surface	Date Received:
Other:		Time Received: W. 1(:12
City & State: Dedroi	L Mi. Different than Above)	Received By: Www.
Sample Collected By:	N. DAS	Sample receipt criteria checked & acceptable.  Deviations from acceptable sample receipt criteria noted
	(Signature)	on PSA form.
Sample Collected By: Me	heul EAUS (Please Print)	»
Form Completed By: M	chal Excus	500-60
ddillakal Cammania	, i	
	pho is a dege	ere. This is Sough # 2, Flush
Somple.		
•		

Quality Water Analysis

1-800-458-3330

## **General Compliance**

Order Number:

2077783

Order Date:

Product:

05/20/2016

Sample Number:

Lead Only

Payment Method:

Sample Paid: No

Sold To:	ISK: EF	
G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave		
Detroit	MI 48203	Payment \$:
		Check #:
		Lab Comments/Special Instructions:
Date Sampled : \$/16/	<u>l</u>	
Time Sampled: <u>06</u> : <u>06</u>	Please Use Military Time, e.g. 3:00pm = 15:00	
Check Time Zone: DEST C		
Client Name: Children	1s Corner	
Phone Humber: 1690	1 Schoolcraft	
Number: 313-83	55-3716	
PWS ID# (if applicable):	DA	State Forms:
Sample ID or Source: <u>D</u> a	C-01-WF-03-P	Lab Sample Information:
Source Type:   Spring	Well Municipal Surface	Date Received: SEP 0 1 /2016
Other:	_	
City & State: <b>Detroit</b>		Received By:
•	(If Different than Above)	Sample receipt criteria checked & acceptable.
Sample Collected By:	nIP.KS	Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	1: Cha ETTUS (Please Print)	
Form Completed By:	lichal Effers	
венных с обоборявают		
		20
dditional Comments:	Supled is a durant	This is Small #3
Esch don		

Quality Water Analysis

1-800-458-3330

## **General Compliance**

Order Number: 2077783 Order Date: 05/20/2016

Sample Number:

Lead Only
Payment Method:

Sample Paid: No

Product:

11359		

Sold To:	ISK. CF	
G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave	B# 40000	Payment \$:
Detroit	MI 48203	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 8 / 18 / 16	2	Lab Commencepoda instructions.
	Please Use Military Time, e.g. 3 00pm = 15:00	
Check Time Zone: DEST CS	******	
Glient Name: Children	B Corner	
Priorie Wumber: 16901		
Number: 313-83	5-3716	
PWS ID# (If applicable):	DLA	State Forms:
Sample ID or Source: De-	01-WF-03-F	Lab Sample Information:
Source Type: Spring \( \square\)	Well ☐ Municipal ☐ Surface	Date Received: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Other:		Time Received: 11:12
City & State: Datrot	Offerent than Above)	Received By: Must
Sample Collected By:	YD.L	Sample receipt criteria crecked & acceptable.  Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	(Signature)	
Form Completed By:	lichal totters	
ditional Comments:	sampled is a dunc	une this is Sample #3,
Cluck Supple		